

What is claimed is:

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1. Process for continuous reeling of a pulp sheet, comprising the steps of:
 - running the pulp sheet over a reel drum;
 - 5 winding the pulp sheet on a horizontal reel;
 - pressing the pulp sheet in the nip between the horizontal reel and the reel drum; and
 - measuring the pressure force in the nip without any losses during the entire winding process.
 - 10 2. Process according to Claim 1 further comprising the step of controlling the pressure force in the nip at a desired level using the measured reading.
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58 3. Process according to Claim 2 further comprising the step of controlling the pressure force with a pressure cylinder.
 - 15 4. Process according to Claim 3 further comprising the step of adapting the pressure force continuously.
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58 5. Apparatus for continuously reeling a pulp sheet, comprising:
 - a horizontal reel adapted for having the pulp sheet wound thereon;
 - 20 a reel drum adapted for pressing the pulp sheet onto the horizontal reel; and
 - a primary arm including a load sensing device, the horizontal reel and the pulp sheet wound thereon being supported on the load sensing device.

6. ~~Apparatus according to Claim 5 wherein the primary arm also includes a plurality of roller bearings and a hydraulic cylinder supported on the roller bearings.~~

5 7. ~~Apparatus according to Claim 6 wherein the load-sensing device is integrated into the hydraulic cylinder.~~

8. ~~Apparatus according to Claim 5 wherein the secondary arm also includes a horizontally adjustable holding device, the horizontal reel being supported on load-sensing devices in the horizontally adjustable holding device.~~